

Elog - Bug #14663

HttpServletRequest is null

11/23/2016 04:15 PM - Phil Adamson

Status:	Closed	Start date:	11/23/2016
Priority:	Urgent	Due date:	
Assignee:		% Done:	0%
Category:	Server	Estimated time:	0.00 hour
Target version:	Version 2.0	Spent time:	0.00 hour
Description			
Error			
Well, this is embarrassing... Unfortunately an unexpected error has occurred.			
Please help out your friendly Elog support team and create a Redmine issue with the following details and a description of the action being undertaken when the error occurred.			
Details			
Timestamp: 2016-11-23 16:13:48.260			
URI: /Elog/			
Query: norLogName=Accelerator+Projects&norLogName=FAST&orUserName=pa&sortingField=Modified+Date			
HTTP Status code: 500			
User agent: Mozilla/5.0 (Windows NT 6.1; WOW64; rv:45.0) Gecko/20100101 Firefox/45.0			
Exception:			
An exception occurred processing JSP page /WEB-INF/ElogClient.jsp at line 25			
22:			
23: ElogHttpServletRequest elogRequest = new ElogHttpServletRequest(request);			
24:			
25: clientBean = elogRequest.getClientBean();			
26:			
27: elogRequest.getSession().setAttribute("clientBean", clientBean);			
28:			
Stacktrace:			

History

#1 - 11/23/2016 09:30 PM - Kyle Hazelwood

- Subject changed from Tried to open the elog form the mcr... to HttpServletRequest is null
- Category set to Server
- Status changed from New to Remission
- Priority changed from Normal to High
- Target version set to Version 2.0

The elog was restarted to pick up new static files.

On tomcat server stop there is a warning of a idle connection:

2016-11-23 16:17:43.750-0600 SEVERE org.apache.catalina.loader.WebappClassLoader org.apache.catalina.loader.WebappClassLoader.clearReferencesThreads The web application [/Elog] appears to have started a thread named [elog idle connection check] but has failed to stop it. This is very likely to create a memory leak.

2016-11-23 16:17:43.751-0600 SEVERE org.apache.catalina.loader.WebappClassLoader org.apache.catalina.loader.WebappClassLoader.clearReferencesThreads The web application [/Elog] is still processing a request that has yet to finish. This is very likely to create a memory leak. You can control the time allowed for requests to finish by using the unloadDelay attribute of the standard Context implementation.

The error was actually caused by the HttpServletRequest being null. I've never seen the servlet request as null.

2016-11-23 16:23:07.903-0600 SEVERE org.apache.catalina.core.StandardWrapperValve.invoke Servlet.service() for servlet [clientHome] in context with path [/Elog] threw exception [An exception occurred processing JSP page

```
/WEB-INF/ElogClient.jsp at line 23 20: <% 21: ElogConfiguration configuration = (ElogConfiguration) applicatio
n.getAttribute("configuration"); 22: 23: ElogHttpServletRequest elogRequest = new ElogHttpServletRequest(reque
st); 24: 25: clientBean = elogRequest.getClientBean(); 26: Stacktrace:] with root cause
java.lang.NullPointerException
    at java.util.TreeMap.rotateLeft(TreeMap.java:2060)
    at java.util.TreeMap.fixAfterInsertion(TreeMap.java:2127)
    at java.util.TreeMap.put(TreeMap.java:574)
    at gov.fnal.controls.webapps.Elog.Servlets.ElogHttpServletRequest.<init>(ElogHttpServletRequest.java:54)
    at org.apache.jsp.WEB_002dINF.ElogClient_jsp._jspService(ElogClient_jsp.java:608)
```

This happened on two consecutive restarts. However, without intervention the elog began working again...

#2 - 11/23/2016 09:38 PM - Kyle Hazelwood

This could be a concurrent modification issue. Tree map is not thread safe and I am not currently synchronizing access to the map.

#3 - 11/30/2016 02:02 PM - Kyle Hazelwood

- File 1479940719488_elog_tomcat_log_report.txt added
- Priority changed from High to Urgent

#4 - 01/12/2017 12:45 PM - Kyle Hazelwood

This happened again today when the elog was restarted! The error stops after a tomcat stop and start and then a few minutes pass.

#5 - 08/24/2018 01:21 PM - Kyle Hazelwood

- Status changed from Remission to Resolved

#6 - 08/24/2018 01:31 PM - Kyle Hazelwood

- Status changed from Resolved to Closed

Files

1479940719488_elog_tomcat_log_report.txt	3.72 KB	11/30/2016	Kyle Hazelwood
--	---------	------------	----------------